BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Estimate Cost Rs. 1000000.00

Name of Work: **Detailed Estimate for the work of Construction of compound wall at samudaya Bhavana GKVK layout in ward no-04.**

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	Earthwork in execavation for foundation of structure like culverts, retaining wall etc., as per drawing and technical specification, including setting out, construction of shoring and bracing, dressing of sides and bottom, back filling with approved material; disposal of balance earth as per specification, including cost of labour, HOM etc., complete. In all kinds of soil by manual means. (P.No.256, I.No.34.15.1 of PW,P&IWTD S.R 2018-19)	cum							
			1	80.00	1.00	1.00	80.00		
							80.00	**190.80**	**15264.00**
	Basic Rate	180.00							
	Area Weightage @ 6%	10.80							
	Total	**190.80**							
2	KSRRB M100-1 Loading and Unloading of Stone Boulder / Stone aggregate /sand/kaner/ Moorum KSRRB M100-1 Placing tipper at loading point, loading with front end loader, dumping, turning for return trip, excluding time for haulage and return trip complete as per specifications MORTH -100/ Chapter 1 (Page No.133/ Item No 17.1) SR 2018-19	cum							
			Vide Item No. 1				**80.00**	**87.56**	**7004.00**
	Basic Rate for loading and unloading	57.00							
	Basic Rate for Haulage upto 8.00 k.m =1.28 X 2.50 X 8	25.60							
	Basic Rate	82.60							
	Area Weightage 6%	4.96							
	Grand Total	87.56							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
3	KSRB 4-1.2: Providing and laying in position plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with 40mm nominal size mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days complete as per specifications, MORTH specifications No. 408, (P.No.13, I.No 4-1.2 of PW,P&IWTD S.R 2018-19)	Cum							
			1	80.00	0.90	0.15	10.80		
							10.80	**5505.64**	**59461.00**
	Basic Rate	5194.00							
	Area Weightage @ 6%	311.64							
	Total	**5505.64**							
4	KSRB 5.2.3 : Providing and constructing granite / trap / basalt size stone masonry in **foundation** with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5.1.13 (Page No. 23/ Item No. 5.6)	Sqm							
			1	80.00	0.75	0.60	36.00		
			1	80.00	0.60	0.60	28.80		
	basement		1	80.00	0.45	0.40	14.40		
							79.20	**4871.76**	**385843.00**
	Basic Rate	4596.00							
	Area Weightage @ 6%	275.76							
	Total	**4871.76**							
5	Providing and laying Plain /reinforced cement concrete for side drains wall and bottom thickness 15cm using M20 nominal mix concrete with OPC cement at 300kg with 20mm and down size granite metal coarse aggregate at 0.69 cum and fine aggregate at 0.43 cum machine mixed well compacted for walls at bottom including centring shuttering cost of materials HOM of machineries curing etc completeexcluding cost of steel as per MORTH specification No.1500,1700,2200 Page No 265 Ite mo 37.59.2 SR 2018-19	**Cum**							
	for coping		1	80.00	0.45	0.10	3.60		
			1	80.00	0.20	0.075	1.20		
							4.80	**7070.20**	**33937.00**

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Basic Rate	6670.00							
	Area Weightage @ 6%	400.20							
	Total	**7070.20**							
6	KSRB 15.1.1: Providing **flush pointing** to square rubble, course or uncoursed stone masonry with cement mortar 1:3, 20 mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications.(Page No.113/Item No. 15.1)	Sqm							
			2	80.00		0.40	64.00		
							64.00	149.46	**9565.00**
	Basic Rate	141.00							
	Area Weightage @ 6%	8.46							
	Total	**149.46**							
12	KSRB 5-14 : Providing and constructing precast concrete solid blocks with compressive strength not les than 35 Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x20x20 cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. Page No. 26/ Item No. 5.27/ PWD SR 2018-19	sqm							
			1	80.00		2.20	176.00		
							176.00	966.72	170143.00
	Basic Rate	912.00							
	Area Weightage @ 6%	54.72							
	Total	966.72							
13	KSRB 15.3.1 : Providing 12mm thick cement plaster in single coat with cement mortar 1:6, to brick masonry including rounding off corners wherever reuired smooth rendering, : Providing and removing scaffolding, including cost of materials, labour. Curing complete as per specifications. Page No. 122/ Item No. 15.11/ PWD SR 2018-19	**sqm**							
			2	80.00		2.50	400.00		
							400.00	**208.44**	**83376.00**
	Basic Rate	193.00							
	Area Weightage 8%	15.44							
	Grand Total	208.44							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
20	KSRB 15 15.1: Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth cost of materials, labour, complete as per, specifications. with primer. Page No.119/ Item No. 15.51.2 / PWD SR 2018-19	sqm							
		qty same as item no					400.00		
							400.00	97.20	38880.00
	Basic Rate	90.00							
	Area Weightage 8%	7.20							
	Grand Total	97.20							
8	Fabricating, providing and erecting in position Hot dip galvanised Gate. Using 72 X 72 X 4.8mm Sq. GI Pipe Frame with Top pipe bending in heavy duty hydraulic press with sand packing and hot bending to form double arch as per drawing profile, 20mm hot dip galvanised sq. rod for verticals at 150mm c/c, as shown in the drawing including providing hot dip galvanised forged ornamental design in between sq. rods and heads at top, middle and bottom. Intermediate supports of 75X12 mm and 50X6 mm arch bend to hot dip galvanised flats. The work is inclusive of throughing GI flat GI sq. rods, placing, welding all the joints including grinding, finishing metal putty, painting two coats enamel painting. The rate is inclusive of all materials like GI sq. pipe, GI sq. rods, GI forged designs etc., heavy duty hinges are made out of 75mm solid sq. block assembled with 20mm dia bearing in three places for each flop. Heavy Duty Locking arrangements at tow places including cost of labour, painting, erecting charges using hoist pulley cranes with all lead and lift, loading, transportation, unloading, scaffolding charges and all other incidental charges for successful completion of the work as per directions of the Engineer-in-charge of the work. (Data Rate	Nos							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
			1	3.00		2.30	6.90		
							6.90	12475.00	86078.00
	Data rate	12475.00							
							Sub total		889551.00
							GST 12%		106746.12
8	Miscellaneous charges								3702.88
								Total	1000000.00
	(Rupees Ten lakhs Only)								

CERTIFICATE

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per C.S.R. of 2018-19
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

Assistant Engineer

Assistant Executive Engineer
Yelahanka satellitetown Sub Division
Bangalore-64

Executive Engineer
Yelahanka Division
Bangalore-64

Administrative Sanction for Rs. 10.00 Lakhs
Ten lakhs only
is accorded under head P.1771-2018-19
Registered as CE No. ..... Subject to conditions contained in enclosed memo No CE/AA/TO/18-19 Dt.....

Executive Engineer

TECHNICALLY SANCTIONED FOR Rs. 10.00 Lakhs
Rupees Ten lakhs only
Under P.1771-2018-19
Registered as CE ( ) No. 9 9
Subject to conditions contained in enclosed memo EE ( ) No. ...../9/
Dt..... Estimate A/ Sanctioned
CE/TS/97/18-19 No.....
Dated ..... Rs. 10.00 Lakh

Executive Engineer

150 - YELAHANKA AC

BRUHAT BANGALORE MAHANAGAR PALIKE
WARD: 4 - YELHANKA SATELLITE TOWN

N

208- SFS COLONY
YESHWANTPURA ROAD
CUTTER HALLI ROAD
WAP STADIUM
SIMHADRI SHOW
BWSSB OFFICE
EAST COLONY
DODDABALLAPURA RD
13TH A MAIN
NEHRU NAGAR
BELLARY ROAD
RAILWAY LINE
YALAHANKA SETELLITE TOWN
8TH CROSS
6TH B CROSS
7TH B MAIN
PARK
ODAYA LAYOUT
2ND MAIN
P M Enclave
EXI. CMC WARD BND
AMPUS
MOTHER DAIRY
POLICE QUARTERS
SUB REGISTRAR
BWSSB TREATMENT PLANT
7TH A MAIN
16TH B CROSS
AMBEDKAR COLONY
SOMA NAGAR
CHIKKA BOMMASANDRA
JANATA COLONY
ALLALASANDRA KERE
GKVK CAMPUS
JUDICIAL LAYOUT
20TH CROSS
14TH MAIN
ALLALASANDRA
2ND MAIN
RAILWAY LINE
BELLARY_ROAD_BYPASS
VIDYASHILP ACADAMY SCHOOL
MANTRI TOWN SHIP
SHOBHA ULTIMA VIL
JUDICIAL COLONY
8TH MAIN
MAIN ROAD GKVK CAMPUS CMPD
GKVK CAMPUS ROAD

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- PROPOSED WARD BOUNDARY
- RIVER/ DRAIN
- RAILWAY LINE
- ROAD

NOTIFICATION NO. UDD 59 MLR 2009, DATE. 15.07.09

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ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
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